

Integrated Policy and Procedure System Map – ISM

Policy:

2-1, Integrated Safety Management (ISM)

Implementing Programs and Procedures:

2-1.1, Integrated Safety Management System

System Steward: ES&H Office Director

| Related Policies | Laboratory-Level Procedures and Implementing Programs | Reference Documents and Task-Specific Procedures (Typical) |
|-----------------------------------|--|---|
| 2-X, Quality Assurance | 6-X.X, Quality Assurance Program (Under Development) | NREL Five-Year Plan NREL One-Year Plans and Internal Organization AOPs Monthly Management Review Reports |
| 6-1, Environment, Safety & Health | 6-1.1, Safety Council Charter 6-1.2, ES&H Inspection Program 6-1.3, ES&H Concerns Program 6-1.4, ES&H Training | Biosafety Panel Charter Laser Safety Panel Charter |
| 6-2, Environmental Management | 6-2.1, Environmental Permitting and Notification 6-2.2, NEPA Implementation 6-2.3, Drinking Water 6-2.4, Groundwater Protection 6-2.5, Air Quality Protection 6-2.6, Ozone-Depleting Substances Management 6-2.7, Aboveground Storage Tank Management 6-2.8, Waste Management and Minimization 6-2.9, Spill Prevention and Control for Lab Operations 6-2.10, Spill Prevention Control and Countermeasures 6-2.11, Cultural Resource Protection 6-2.12, Weed Management, STM Site 6-2.13, Weed Management, NWTC 6-2.14, Particulate Emissions Control for Construction 6-2.15, Storm Water Pollution Prevention, STM 6-2.16, Storm Water Pollution Prevention, NWTC | SAR, Process Demonstration Unit (PDU) at the AFUF SOP 480009403, PDU at the AFUF SOP 589009705, Prototype Hybrid Heat Pipe EA, National Wind Technology Center, Sitewide Aboveground Storage Tank, Monthly Monitoring/Inspection Checklist SOP 412009204, Pesticide/Herbicide Applications |
| 6-3, Property Protection | 6-3.1, Fire Protection 6-3.2, ES&H Decommissioning | Desk Procedure, Fire Alarm Testing |
| 6-4, Worker Safety & Health | 6-4.1, Personal Protective Equipment 6-4.2, Respiratory Protection 6-4.3, Hearing Conservation 6-4.4, Ergonomics 6-4.5, Radiological Control 6-4.6, Chemical Safety 6-4.7, Compressed Gas Safety 6-4.8, Local Exhaust Ventilation 6-4.9, Laser Safety | SOP 605009709, AOC 15/50 Wind Turbine Experiment SAR for Solar Energy Research Facility SOP 437009210, Receiving and Handling of Compressed Gases |

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|---|---|--|
| 6-4, Worker Safety and Health (Continued) | 6-4.10, Non-Ionizing Radiation 6-4.11, Biosafety 6-4.12, Construction Safety 6-4.13, Confined Space 6-4.14, Fall Protection 6-4.15, Electrical Safety 6-4.16, Lockout/Tagout 6-4.17, Hoisting and Rigging Program 6-4.18, Asbestos Management 6-4.19, Indoor Air Quality | SOP 572009609, Two-Chamber Amorphous Silicon Deposition System Desk Procedure, Industrial Hygiene Monitoring Quality Assurance Plan SOP 431009209, Hail Impact Test System |
| 6-5, Occupational Medicine | 6-5.1, Medical Management 6-5.2, Modified Work 6-5.3, Medical Surveillance 6-5.4, Bloodborne Pathogen Control 6-5.5, Access to Medical Records | Medical Services Protocols List of Necessary & Sufficient ES&H Standards |
| 6-6, Risk Assessment | 6-6.1, Necessary and Sufficient ES&H Standards 6-6.2, Hazard Identification and Control 6-6.3, Incident Reporting, Investigation, and Trending 6-6.4, ES&H Lessons Learned Program 6-6.5, Safe Work Permit | Safe Operating Procedure Format Hot Work Permits (Task Specific) |
| 5-4, Employee Training and Development | See 6-1.4 Above | Required Training Plan (RTP) |
| 8-3, Configuration Management | Configuration Management Program | Building Area Engineer Handbook |
| 8-4, Emergency Management | Emergency Management Program Emergency Notification Program Building Emergency Coordinator Program Fire Marshal Team Program Emergency Response Team (ERT) Program Emergency Operations Center Program | Emergency Management Manual Notification Call Lists Toxic Gas Alarm Response Procedure |
| 8-6, Facility Operations Management | | Facilities Project Manager Handbook |
| 8-9, Shipping/Receiving and Mail Room | Transportation Safety Manual | Shipping/Receiving Desk Procedures and SOPs |
| 8-10, Site Development Planning | NREL Site Development Plan NREL Capital Plan | Annual Site Maintenance Plan |
| 8-11, Site Maintenance | Site Maintenance Program | |
| 10-1, General Procurement Guidelines | NREL Bankcard Procedures | Contracts & Business Services Desk Reference Guide |